PRICE LIST (No. 25)

accompanying Hanovia 1946 Medical Prospectus

"EQUIPMENT FOR ACTINOTHERAPY"

Valid for the United Kingdom and Eire only

Effective December 1st, 1945

Guaranty. We guarantee to replace any Hanovia equipment found to be defective through faulty manufacture within twelve months of installation. This Guaranty takes effect as soon as the user completes and returns to us the Registration Form which is attached to all equipment. Compensation for consequential damage or loss of time is excluded.

The quartz arc-tubes, burners and many of the component parts of Hanovia equipment are protected by British Letters Patent and the Guaranty will be invalidated in the event of any unauthorized tampering with such parts.

Free Delivery. All prices include transit insurance and free delivery in Great Britain (or free to English railhead for Ireland). Packing material will be charged unless returned within seven days.

Despatch. All orders will be executed in strict rotation as accepted, except in so far as high-priority work may claim an overriding precedence. The supply of raw materials under present conditions is, however, irregular and may cause delay. We cannot therefore despatch at any specified date, nor can we accept liability for any delay, but so far as in our power we will make the best despatch possible.

Service Insurance. Third Party Risk. All Hanovia equipment may be insured against all risks of loss or damage under the special policy issued by the Sun Insurance Office Ltd. (see page 7). This policy may be extended to include the third party liability of Registered Medical Practitioners.

The United Kingdom Purchase Tax does not apply to the equipment in this Catalogue

ULTRA-VIOLET RAY LAMPS

Therapeutic Models

Cat. No.		Code Name	Price £	s.	d.
	DUO-THERAPY UNIT, *MODEL VIII* (*Alpine Sun and Sollux*) :				
	STANDARD FORM :				
02121	For A.C., 190-260 volts (40-100 cycles)* ..	AWAHD	72	0	0
02123	For Direct Current, 190-260 volts†	AWANK	72	0	0
	COMPLETE FORM :				
02125	For A.C., 190-260 volts (40-100 cycles)* ..	AWASP	80	0	0
02127	For Direct Current, 190-260 volts†	AWAXT	80	0	0
	ALPINE SUN LAMP, *MODEL VIII :*				
02031	For A.C., 190-260 volts (40-100 cycles)* ..	AVALM	55	0	0
02033	For Direct Current, 190-260 volts†	AVANP	55	0	0
	THE CENTROSOL UNIT, *MODEL III :*				
02221	For A.C., 190-260 volts (40-100 cycles)* ..	AWNON	72	0	0
02223	For Direct Current, 190-260 volts†	AWNUP	72	0	0
	KROMAYER LAMP, *MODEL VI* (*water-cooled extra high-pressure arc*). Complete with Applicator Holder No. 1210 and Mica Window Screen No. 673 :				
01021	For A.C., 190-260 volts (40-100 cycles)* ..	ALDIT	40	0	0
01022	For D.C., 200-260 volts†	ALDNO	40	0	0

Auxiliary and Prescription Models

02341	The Prescription U.V. Lamp (Portable Model) for A.C. 190-260 volts (40-100 cycles)*..	AYLED	21	0	0
02343	The Prescription U.V. Lamp (Portable Model) for D.C. 190-260 volts†	AYLOG	21	0	0
02344	The Ward Lamp (Model IV) for A.C. 190-260 volts (40-100 cycles)*	AYLUH	27	0	0
02345	The Ward Lamp (Model IV) for D.C. 190-260) volts†	AYLYJ	27	0	0

The above lamps are fitted with self-starting arc tubes.

Except where otherwise stated, ultra-violet ray lamps operate only on one specified supply and voltage, and these particulars should be stated when ordering.

* *Low voltage Alternating Current supplies* (100-190 *volts*) *require special step-up transformers and increase the prices listed above. Again, A.C. circuits having frequencies lower than* 40 *cycles require other modifications in the control units and increase these prices. We furnish quotations for such special units at current prices on request.*

† *These lamps cannot be made to operate on Direct Current supplies below* 190 *volts.*

Please specify type of current and voltage when ordering

Accessories

02422	Localizing plate (for use with Models 02341/3/4/5)	AZCOR	1	5	0
02423	Woods glass fluorescence Diagnosis Filter (for use with Models 02341/3/4/5)	AZCUS	3	0	0

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Quartz Applicators for Kromayer Lamp, Model VI :

Cat. No.		Code Name	Price £	s.	d.
	EAR, NOSE AND THROAT :				
01250	Cemach Rod, 12×80 mm.	AMTYK	2	0	0
01251	Cemach Rod, 12×120 m.m.	AMUFS	2	5	0
01252	Ear Applicator	AMUGT	1	17	6
01253	Eustachian Applicator	AMUHV	3	10	0
01254	Norman Barnett Antrum Cannula Applicator.	AMUKY	2	2	6
01255	Sampson Hay Fever Rod	AMULZ	2	7	6
01256	Mehler Nasal Rod	AMUMB	2	0	0
01257	Short Nasal Rod	AMURG	1	12	6
01258	Hindley-Smith Tonsil Applicator	AMUSH	3	0	0
01259	Child's Tonsil Applicator	AMUVK	2	10	0
01365	Universal Sinus Applicator	ANNET	1	17	6
	DENTAL :				
01287	Straight Gingival Rod	ANATZ	1	5	0
01288	Half-bend Gingival Rod	ANAVB	1	12	6
01289	Full-bend Gingival Rod	ANAXD	1	12	6
01290	Curved Oral Rod, 12×120 mm.	ANBAG	2	5	0
01291	Full-bend Oral Rod	ANBEH	2	5	0
01292	Socket Applicator with bulbous end.	ANBIJ	1	12	6
	SKIN AND G.U. :				
01305	Skin Compressor.	ANDEK	1	17	6
01325	Urethral Rod, 6×170 mm.	ANFUP	1	5	0
01326	Cervical Applicator (Vaginal)	ANGAL	2	12	6

Kromayer Lamp Accessories :

01327	Small Quartz Treatment Speculum	ANGEM	1	12	6
01328	Medium Quartz Treatment Speculum	ANGIN	1	17	6
01329	Large Quartz Treatment Speculum	ANGNO	2	2	6
01114	Diagnosis Filter, slip-on pattern[1]	ALTAJ	1	10	0
01115	Clear Glass Filter (Type UVA), slip-on pattern[2]	ALTEK	0	17	6
01116	Clear Glass Filter (Type UVA), for insertion in No. 01203[2]	ALTGE	0	10	6

[1] *Transmits fluorescence band at* 3660 *A.U. only.*
[2] *Transmits long-waved U.V. to ca.* 3000 *A.U.*

Spare Parts

Spare Arc Tubes *(See also Exchange rates, page 5)* :

00100	S.220 Tube for the Alpine Models VI, VII and VIII	ABVIB	12	10	0
00031	S.500 Tube for the Centrosol lamp	ABETY	15	15	0
00051	S.250 "U" Tube for Prescription and Welfare lamps	ABIFK	9	0	0
00110	S.K.200 tube for the Kromayer Lamp, Model V.	ABWYG	15	15	0
00111	S.K.200 tube for the Kromayer Lamp, Model VI	ABYAB	15	15	0

Kromayer VI Lamp Spare Parts :

01113	Spare Mica Window Screen	ALSYN	0	12	6
01100	Spare Quartz Window	ALRAG	2	2	6
01203	Applicator Holder	AMHIS	1	2	6
01190	Inflow and Outflow Tubes, per pair (for Model VI)	AMFAN	1	15	0

INFRA-RED RAY LAMPS

Therapeutic Models

Cat. No.		*Code Name*	*Price* £	*s.*	*d.*
	"SOLLUX" LAMP, *MODEL VIII :*				
03020	Standard Form, comprising 1000 watts luminous generator, reflector, mountings and mobile base, rheostat control unit	BISMY	24	0	0
03021	**Complete Form,** as No. 03020, together with all items listed as "accessories" below ..	BISOK	32	0	0
03110	"SOLLUX 800" LAMP, Type III with the long-wave element	BOAHZ	18	10	0

All Sollux lamps operate equally well on A.C. and D.C. supplies. Mains voltage only need be stated when ordering.

Accessories

(*For Sollux Lamp Model VIII and "Sollux* 800")

03310	Large Conical Localiser, with insertion for filters, slides and cork-guarded $5\frac{1}{2}$ in. aperture	BRESD	3	10	0
03360	Large red Filter (for use with item 03310) ..	BUCZA	0	14	0
03361	Large blue Filter (for use with item 03310) ..	BUDAB	0	14	0
03362	Focal Slide ($2\frac{1}{2}$ in. aperture) (for use with item 03310)	BUDBA	0	9	0
00905	Long-wave infra-red Element (800 watts) ..	AKHOF	2	15	0

It is our recommendation that the Filament Bulb (item 00900) *and Conical Attachment (item* 03310) *should be used only on Sollux Lamps which incorporate an Intensity Regulator in the Control Unit.*

Replacements

00900	Sollux 1000 watt Bulb, any voltage*	AKGUF	1	5	0
00905	Sollux Infra-red Element (800 watts), any specified voltage	AKHOF	2	15	0

* *Special quotations may be required for bulbs in the* 90-120 *volt ranges.*

AIR SANITIZERS

(At the time of printing this list it is not possible to issue descriptions or state prices for any specific models of Air Sanitizers; under present conditions types and prices are liable to alteration without notice. We will on request furnish particulars of such equipment as available at the time of inquiry.)

Replacement Parts

00803	Spare 12 in. Jacketed Discharge Tube, Type SNJU, Air Sanitizer (Model VII etc.) ..	AJBYG	7	0	0
00804	Spare 12 in. Sanitizer Discharge Tube (non-jacketed ; Type SNU)	AJCRA	4	10	0
00805	Spare 24 in. jacketed Discharge Tube, for Air Sanitizer Model VIII (Type SNU 15) ..	AJCYH	10	10	0
00806	Spare 24 in. Discharge Tube (non-jacketed) for Air Sanitizer Model VIII (Type SN 15) ..	AJDRE	8	0	0

Air Sanitizers are supplied for operation only on A.C. mains, normally of 200 *to* 260 *volts (an additional charge is made for low-voltage A.C. mains).*

GENERAL TREATMENT ACCESSORIES

Goggles :

Cat. No.		Code Name	Price £	s.	d.
04026	Practitioners' Sterilizable Goggles ..	.. *Prices on application*			
04023	Sterilizable Rubber Goggles, adults' ..	.. CEZUH	0	7	0
04024	Sterilizable Rubber Goggles, children's	.. CEZYJ	0	6	6
04025	Sterilizable Rubber Goggles, babies' ..	.. CHAGM	0	4	0
04020	"Portia" Plastic Goggles, adults' ..	.. CEZIF	0	1	2
04021	"Portia" Plastic Goggles, children's ..	.. CEZJY	0	0	10
04027	Solarium Plastic Face and Neck Mask	.. CHAJP	1	1	0

04101	Treatment Record Cards :	CIFIP			
	Per 50		0	6	0
	Per 500		2	14	9
	Per 1000		4	9	6

EXCHANGE OF QUARTZ MERCURY ARC TUBES

(Current types as described in this Price List) *

Item	*For Lamp Type*	*Code Name*	*Cost † of Exchange* £	s.	d.
S.220, A.C. or D.C. ..	Alpine Sun, Model VII	ABVIB	7	10	0
S.500, A.C. or D.C. ..	" Centrosol " ..	ABETY	9	9	0
SK. 200, A.C. or D.C. .	Kromayer, Model VI	ABYAB	9	9	0
S.250 "U", A.C. or D.C.	Prescription Lamp ..	ABIFK	5	10	0
S.N.J.U. Discharge Tube	Air Sanitizer ..	AJBYG	5	10	0

When ordering exchange tubes, please state mains supply (current and voltage) on which the user's lamp is operating, for the purpose of testing the new tube before despatch ; also the number of the arc tube at present in use (for positive identification of type).

† *These figures represent actual costs of exchanged arc or discharge tubes at Hanovia Works (including carriage and transit insurance charges only). They do not cover the cost of any special installation service, etc. which may be called for.*

* *The arc tubes listed above, being the only types now in serial production, are the only ones for which the Hanovia immediate Exchange Service still operates.*

THE HANOVIA SERVICE

As servants of the medical profession for forty years specialized work in manufacturing actinotherapy equipment, the Hanovia organization is able to offer unique facilities for information to qualified medical inquirers.

The lamps and accessories priced in this List are described and illustrated in the Hanovia 1946 prospectuses of Actinotherapy Equipment which give sizes, weights, intensity data and other necessary information. An Operating Handbook is supplied with each lamp. If the user is a Registered Medical or Auxiliary Practitioner, he may also claim :

Information. A presentation copy of *Actinotherapy Technique* (sixth edition), with introduction by the late Sir Henry Gauvain, M.D., M.Chir.(Camb.), F.R.C.S.(Eng.), the 240-page standard book of reference, "indispensable to all engaged in the practice of actinotherapy" (*B.M.J.*).

(Much valuable information is given in the Hanovia series of *reprinted professional papers*, of which a large selection is always available. These are free of charge to registered practitioners ; ask for current list.)

Technical Assistance. The comprehensive Guaranty covers the equipment for twelve months from date of installation. The personal assistance of experienced technicians, qualified by years of training and specialized experience to give any necessary advice, is freely available during this period. (A personal visit if required during the period of guaranty will be arranged at reasonable notice, and without expense, whenever possible under emergency conditions, and similar facilities are also provided through accredited electro-medical dealers.)

Exchange of Arc-tubes and Burners. Hanovia quartz arc-tubes and burners have a useful life for a period stated in the Instruction Booklets furnished with the lamp (usually 1000 hours). After this amount of usage, their intensity falls off rapidly and they should be exchanged as soon as feasible. Normally, Hanovia Ltd. will dispatch a fresh arc-tube, fully guaranteed, packed, insured and delivered free, immediately on receipt of the user's instructions; the user then returns the old arc tubes in the same packing. One inclusive charge covers this service (see page 5).

(As regards older types of quartz burners or arc tubes, not in serial production, this exchange service is suspended indefinitely due to present conditions.)

Sollux Bulbs and Elements. These infra-red elements, although showing some falling-off with age, can be efficiently used until they give out. They then have no exchange value. For prices of spares, see page 4.

PACKING DETAILS (Inland)

Model	*Nett. weight* lbs.	*Gross weight* lbs.	*Case size* (ins.)	*Packing costs* £ s. d.
The Duo-therapy Unit	113	169	44×23×23	4 0 0
The Alpine Sun Lamp	89	145	29×23×30	4 0 0
The Centrosol Lamp	122	178	29×23×30	4 0 0
The Kromayer Lamp	47	75	29×23×30	4 0 0
The Prescription Lamp	20	28	(Carton; not charged)	
The Sollux Lamp	84	140	29×23×30	4 0 0

In view of the continued National shortage of packing materials, customers are asked to return cases to makers' works immediately after receipt. Cases etc., not returned within seven days will be charged at the prices shown above.

INSURANCE

The following annual premiums cover the complete equipment or the arc-tube or burner only against loss or damage from all risks, except war risks. (*See Proposal Form below.*)

	Complete Equipment. £ *s.* *d.*	*Arc Tube.* £ *s.* *d.*
Duo-Therapy Unit	1 10 0	1 2 6
Alpine Sun Lamp	1 7 6	1 2 6
Centrosol Lamp (2 arc tubes)	2 7 6	2 0 0
Kromayer Lamp, Model VI	1 15 0	1 10 0
S.250 Prescription or Welfare Lamp ..	1 0 0	12 6
Sollux Lamps (1000 watt type)	1 0 0	—

Proposal for Insurance

(*a*) Equipment..... Value £.....

(*b*) Arc-tube/Burner only..... No.....

Address where equipment will be used.....

.....

Have you ever previously proposed for an Insurance of this description ?

..... If so, to whom ?.....

Particulars of any loss and/or damage to similar equipment during last three years.....

This proposal is to form the basis of the Contract between me/us and the Sun Insurance Office Ltd., whose policy, subject to the terms and conditions thereof, I/we will accept.

Name in full.....

Address .....

.....

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